IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method of forming an optical device comprising the steps of:

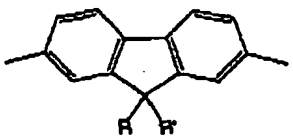
- providing a substrate carrying a first electrode capable of infecting or accepting charge carriers of a first type;

- depositing a polyfluorene over the first electrode; and

- forming over the polyfluorene a second electrode capable of injecting or accepting charge carriers of a second type,

~~wherein~~ and further comprising heating the polyfluorene ~~is heated~~ before and after forming the second electrode.

2. (Currently Amended) A method according to claim 1 wherein the polyfluorene ~~comprise~~ comprises optionally substituted units of formula (I);



(I)

wherein R end R' are independently selected from hydrogen or optionally substituted alkyl, alkoxy, aryl, arylalkyl, heteroaryl and heteroarylalkyl, and R and R' may be combined to form an optionally substituted monocyclic or polycyclic group.

3. (Currently Amended) A method according to ~~any preceding~~ claim 1 wherein at least one of R and R' comprises an optionally substituted phenyl or C_4 - C_{20} alkyl group.

4. (Currently Amended) A method according to ~~any preceding~~ claim 1 wherein at least one of the heat treatment steps is at or below the glass transition temperature of the polyfluorens.

5. (Original) A method according to claim 4 wherein both of the heat treatment steps are at or below the glass transition temperature of the polyfluorene.

6. (Currently Amended) A method according to ~~any preceding~~ claim 1 wherein the optical device is an electroluminescent device.

7. (Original) A method according to claim 6 wherein the first electrode is an anode and the second electrode is a cathode.

8. (Original) A method according to claim 7 wherein the cathode comprises a metal having a workfunction of less than 3.5 eV.

9. (Original) A method according to claim 8 wherein the cathode comprises a layer of calcium.

10. (Currently Amended) A method according to ~~any one of claims 7-8 wherein~~ claim 7 further comprising locating a layer of dielectric material ~~is located~~ between the polyfluorene and the cathode.

11. (Original) A method according to claim 10 wherein the layer of dielectric material comprises a metal fluoride.

12. (Currently Amended) A method according to ~~any preceding~~ claim 1 comprising providing ~~wherein~~ a layer of conductive organic material ~~is provided~~ between the first electrode and the first layer.

13. (Currently Amended) A method according to claim ~~7~~ 12 wherein the layer of conductive organic material is PEDT / PSS.

14. (Currently Amended) A method according to ~~any preceding~~ claim 1 wherein the polyfluorene comprises a plurality of regions including at least two of a hole transporting region, an electron transporting region and an emissive region.

15. (Currently Amended) A method according to claim ~~9~~ 14 wherein polyfluorene comprises a hole transporting region, an electron transporting region and an emissive region.

16. (Currently Amended) A method according to ~~any preceding~~ claim 1 wherein the polyfluorene is a blue electroluminescent material.

17. (Currently Amended) An optical device ~~obtainable~~ obtained by the method according to ~~any preceding~~ claim 1.

18. (Original) An optical device according to claim 17 that is an electroluminescent device.

19. (Currently Amended) A method of forming an optical device comprising the steps of:

providing a substrate carrying a first electrode capable of injecting or accepting charge carriers of a first type;

depositing an organic semiconductor over the first electrode; and

forming over the organic semiconducting materiel a second electrode capable of injecting or accepting charge carriers of a second type, and further comprising heating ~~wherein~~ the organic semiconductor ~~is heated~~ below its glass transition temperature before end after forming the second electrode.

20. (Original) A method according to claim 19 wherein the organic semiconductor is a polymer.

21. (Original) A method according to claim 20 wherein the organic semiconductor is a polyfluorene.

22. (Currently Amended) A method according to claim 19 ~~or 20~~ wherein the optical device is an electroluminescent device.

23. (Currently Amended) An optical device ~~obtainable~~ obtained by the method according to ~~any one of claims 20-22~~ claim 20.

24. (Original) An optical device according to claim 23 that is an electroluminescent device.